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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/459,774 12/13/99 BARNES

M GP-30193

HM22/0404

EXAMINER

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ZEMAN, R

ART UNIT	PAPER NUMBER
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1645

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DATE MAILED:

04/04/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary	Application No. 09/459,774	Applicant(s) Barnes et al.
	Examiner Robert A. Zeman	Group Art Unit 1645

Responsive to communication(s) filed on Dec 13, 1999.

This action is **FINAL**.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 1 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

Claim(s) 1-10 is/are pending in the application.

Of the above, claim(s) _____ is/are withdrawn from consideration.

Claim(s) _____ is/are allowed.

Claim(s) _____ is/are rejected.

Claim(s) _____ is/are objected to.

Claims 1-10 are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The proposed drawing correction, filed on _____ is approved disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been

received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____.

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s). _____

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

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DETAILED ACTION

Election/Restriction

Restriction to one of the following inventions is required under 35 U.S.C. 121:

- I. Claim 1, drawn to polypeptides, classified in class 530, subclass 350.
- II. Claims 2 and 5-9, drawn to polynucleotides, cells, vectors, and methods of making recombinant protein using said vectors, classified in class 536, subclass 23.1.
- III. Claims 3 and 4, drawn to antibodies, classified in class 530, subclass 388.1.
- IV. Claim 10, drawn to methods of screening modulators, classified in class 435, subclass 7.21.

The inventions are distinct, each from the other because of the following reasons:

Inventions II and I are related as process of making and product made. The inventions are distinct if either or both of the following can be shown: (1) that the process as claimed can be used to make other and materially different product or (2) that the product as claimed can be made by another and materially different process (MPEP § 806.05(f)). In the instant case the polypeptides of Invention I can be made synthetically. Invention II also contains products that are separate and distinct from the products of Invention I as they comprise completely differing

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biochemical and immunological entities having differing properties and uses. Invention I is drawn to polypeptides, whereas Invention II is drawn to nucleic acids, cells and vectors.

Inventions I and III are separate and distinct as they comprise completely differing biochemical and immunological entities having differing properties and uses. Invention I is drawn to polypeptides, whereas Invention III is drawn to antibodies.

Inventions I and IV are related as product and process of use. The inventions can be shown to be distinct if either or both of the following can be shown: (1) the process for using the product as claimed can be practiced with another materially different product or (2) the product as claimed can be used in a materially different process of using that product (MPEP § 806.05(h)). In the instant case, the polypeptides of Invention I can be used in other methods such as immunoassays or competition studies.

Inventions II and III are separate and distinct as they comprise completely differing biochemical and immunological entities having differing properties and uses. Invention I is drawn to polynucleotides, whereas Invention III is drawn to antibodies.

Inventions II and IV are separate and distinct as the polynucleotides of Invention II cannot be used in the methods of Invention IV. Additionally Inventions II and IV are separate and distinct as they are drawn to differing methods having different steps and leading to differing results.

Inventions III and IV are separate and distinct as the antibodies of Invention III cannot be used in the methods of Invention IV.

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Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.

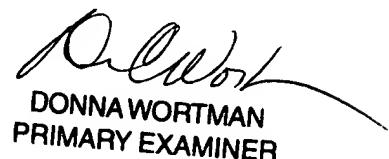
Applicant is reminded that upon the cancellation of claims to a non-elected invention, the inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the currently named inventors is no longer an inventor of at least one claim remaining in the application. Any amendment of inventorship must be accompanied by a diligently-filed petition under 37 CFR 1.48(b) and by the fee required under 37 CFR 1.17(I).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Robert A. Zeman whose telephone number is (703) 308-7991. The examiner can be reached between the hours of 7:30 am and 4:00 pm Monday through Friday.

If attempts to reach the examiner by telephone are unsuccessful, Donna Wortman, Primary Examiner can be reached at (703) 308-1032.

The fax number for this Art Unit is (703) 305-7401.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-1032 or the examiner's supervisor, Anthony Caputa, can be reached at (703)308-3995.


DONNA WORTMAN
PRIMARY EXAMINER

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Robert A. Zeman

March 27, 2000